

AMENDMENTS TO THE CLAIMS

Please cancel claims 1-9 without prejudice or disclaimer.

Please enter the following new claims.

Listing of Claims:

10. (New) A substrate for bio-microarray, comprising a fine particle having a particle diameter in a range of 50 nm to 300nm, wherein an anti-reflection layer is formed on surface of the substrate, the anti-reflection layer having a fine uneven structure.

11. (New) The substrate of claim 10, wherein the anti-reflection layer has a depth of from 80 nm to 250 nm.

12. (New) A substrate for bio-microarray, comprising a fine particle having a particle diameter in a range of 50 nm to 300nm, wherein an anti-reflection layer is formed on surface of the substrate, the anti-reflection layer having a fine porous structure.

13. (New) The substrate of claim 10, further comprising an immobilization layer for immobilizing a probe biomolecule, wherein the immobilization layer is formed in a pattern on the substrate.

14. (New) The substrate of claim 11, further comprising an immobilization layer for immobilizing a probe biomolecule, wherein the immobilization layer is formed in a pattern on the substrate.

15. (New) The substrate of claim 12, further comprising an immobilization layer for immobilizing a probe biomolecule, wherein the immobilization layer is formed in a pattern on the substrate.

16. (New) The substrate of claim 10, further comprising a mark formed on the substrate for positional detection.

17. (New) The substrate of claim 11, further comprising a mark formed on the substrate for positional detection.

18. (New) The substrate of claim 12, further comprising a mark formed on the substrate for positional detection.

19. (New) A biomicroarray, comprising the substrate of claim 10 and a probe biomolecule immobilized on the substrate.

20. (New) A biomicroarray, comprising the substrate of claim 11 and a probe biomolecule immobilized on the substrate.

21. (New) A biomicroarray, comprising the substrate of claim 12 and a probe biomolecule immobilized on the substrate.